

Fig. 1

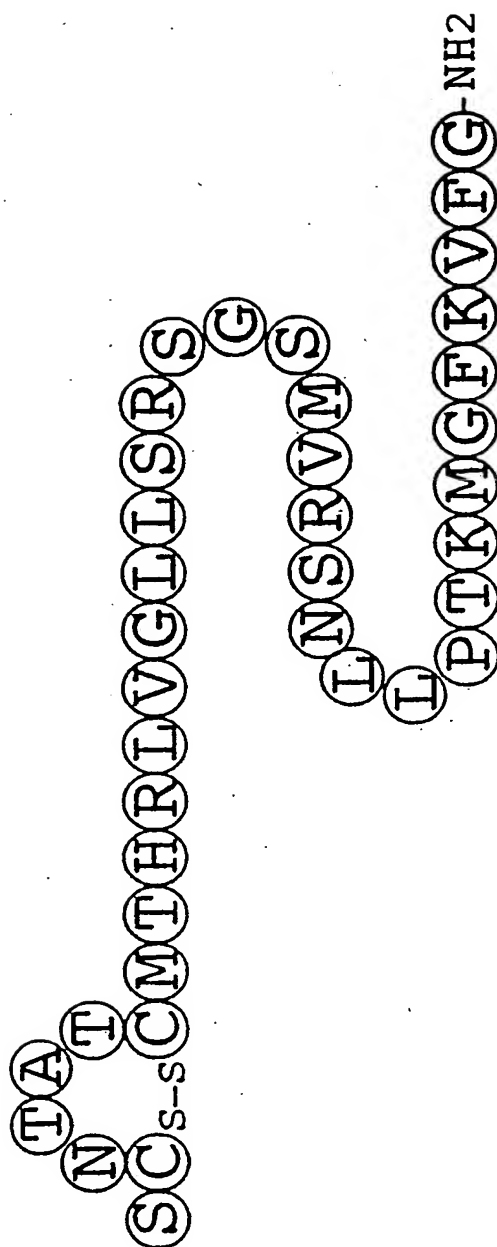


Fig. 2

pCRSP	SCNTATCMTHRLVGLLSRSGSMVRSNLLPTKMGFKVFG-NH2
pCGRP-I	SCNTATCVTHRLAGLLSRSGGMVKSNFVPTDVGSEAF-NH2
hCGRP-I	ACDTATCVTHRLAGLLSRSGGVKNNFVPTNVGSKAF-NH2
hCGRP-II	ACNTATCVTHRLAGLLSRSGGMVKSNFVPTNVGSKAF-NH2
hAmylin	KCNTATCATQRLANFLVHSSNNFGAILSSSTNVGSNTY-NH2
pCT	CSNLSTCVLSAYWRNLNNFHRFSGMGFGPETP-NH2
hAM	YRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDNVAPRSKISPQGY-NH2

Fig. 3

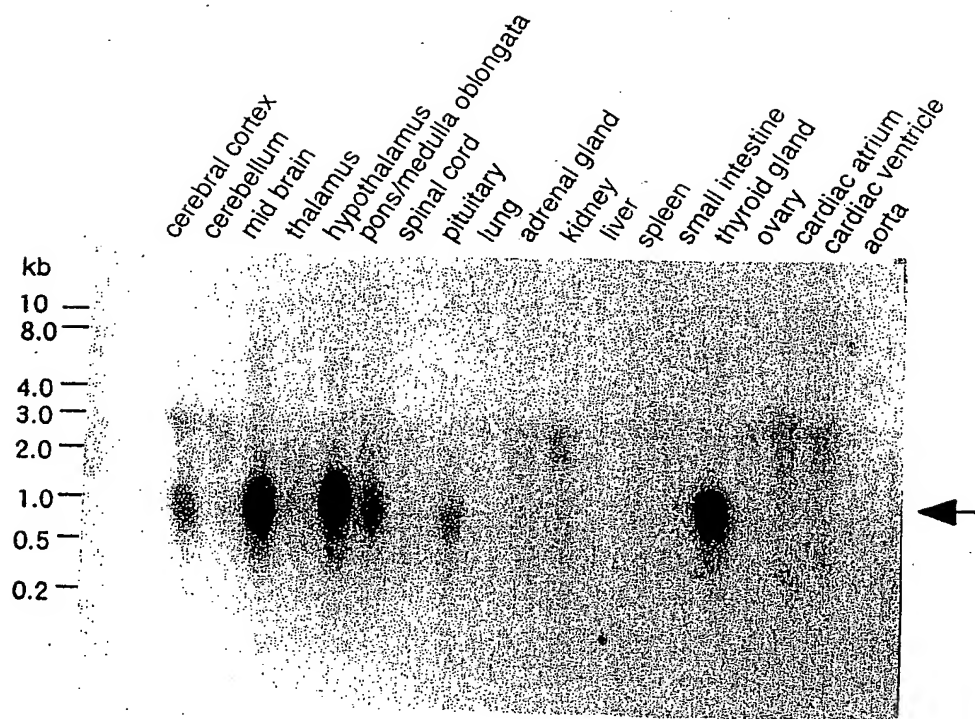


Fig. 4

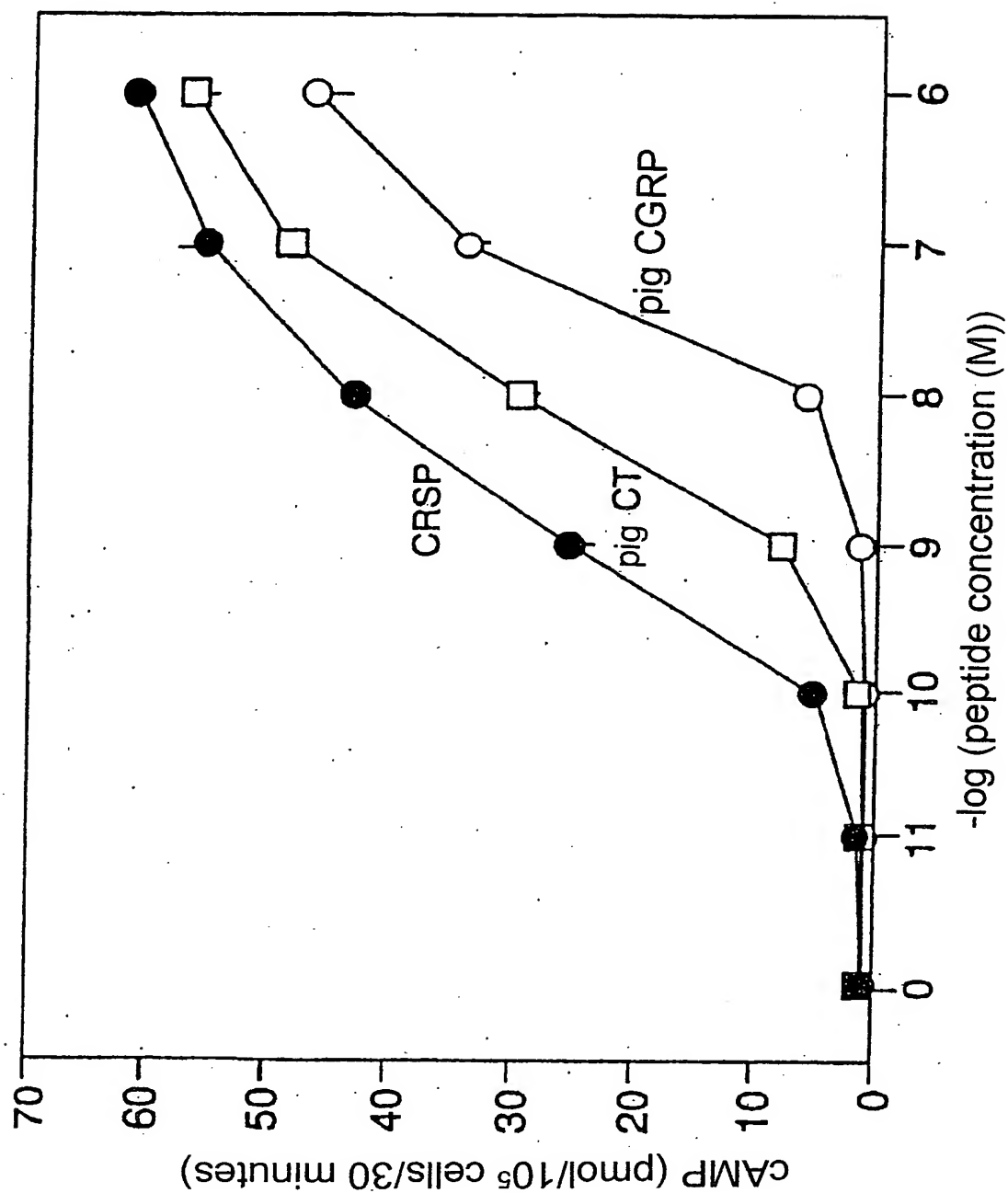


Fig. 5

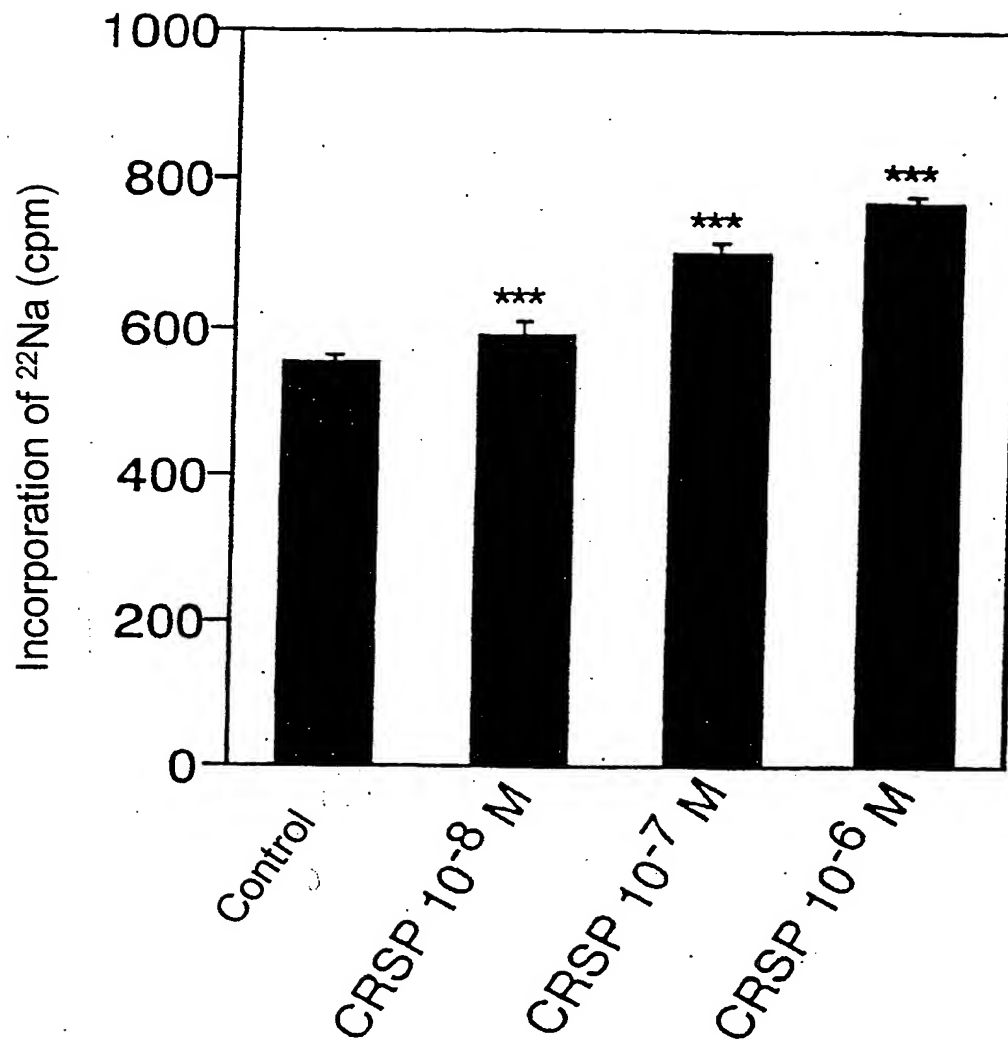


Fig. 6

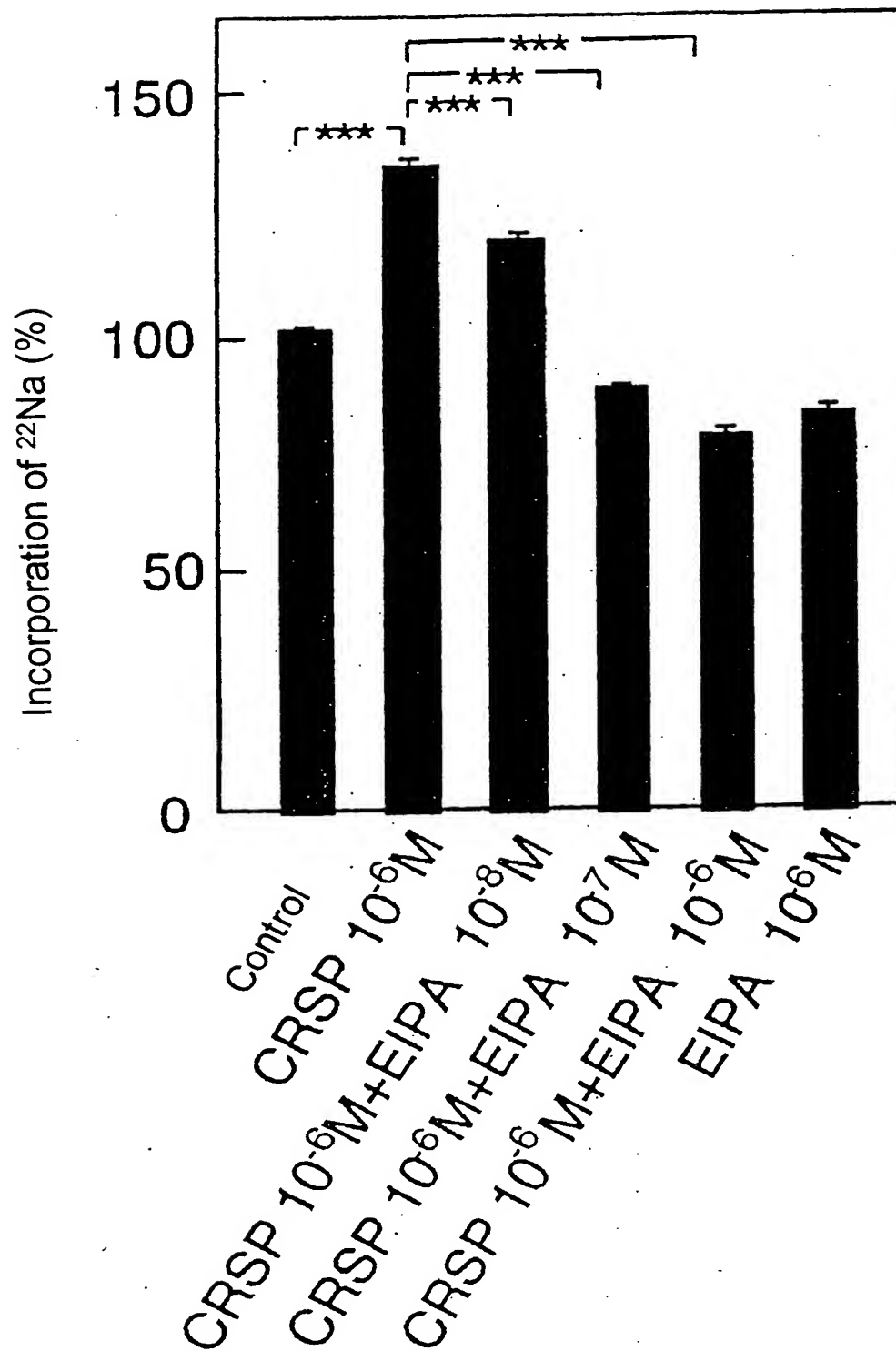


Fig. 7

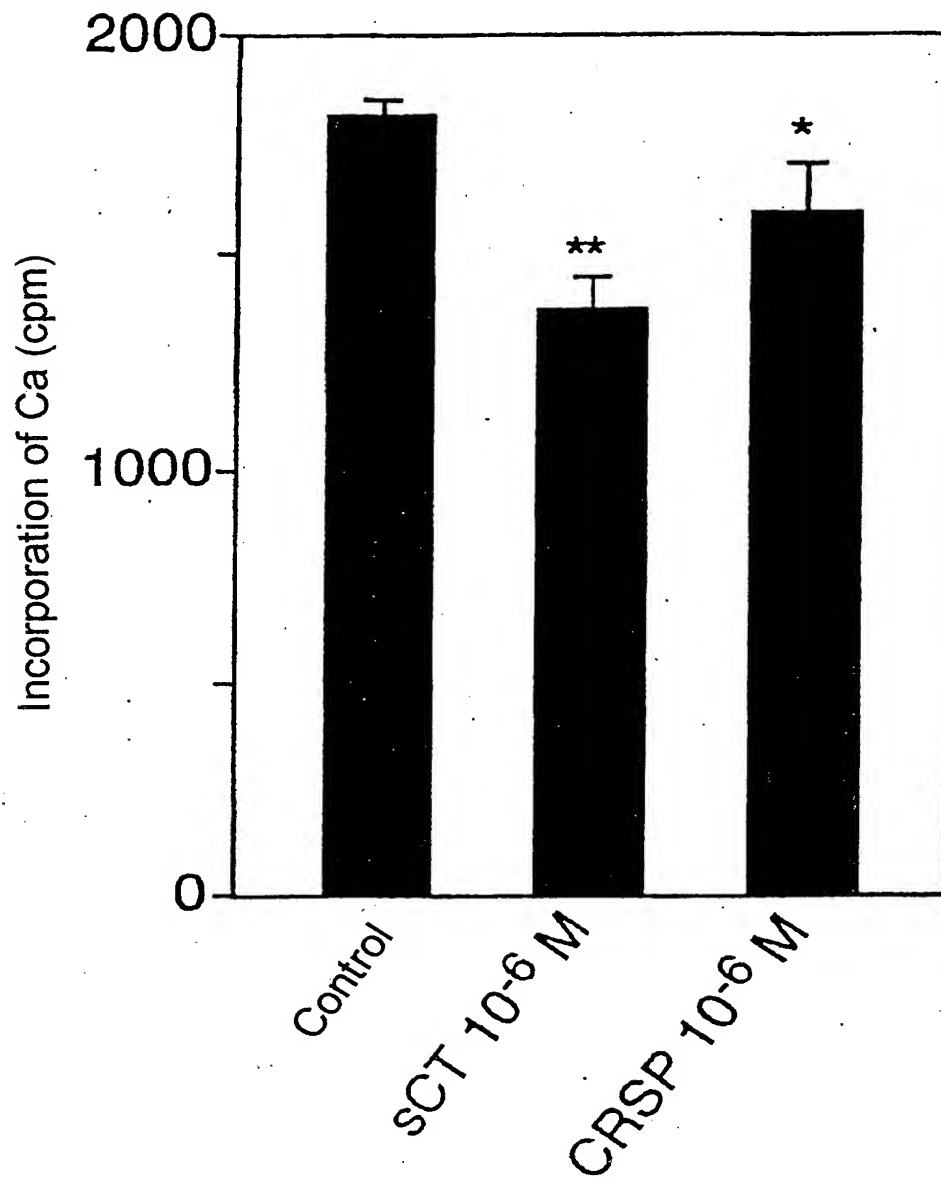


Fig. 8

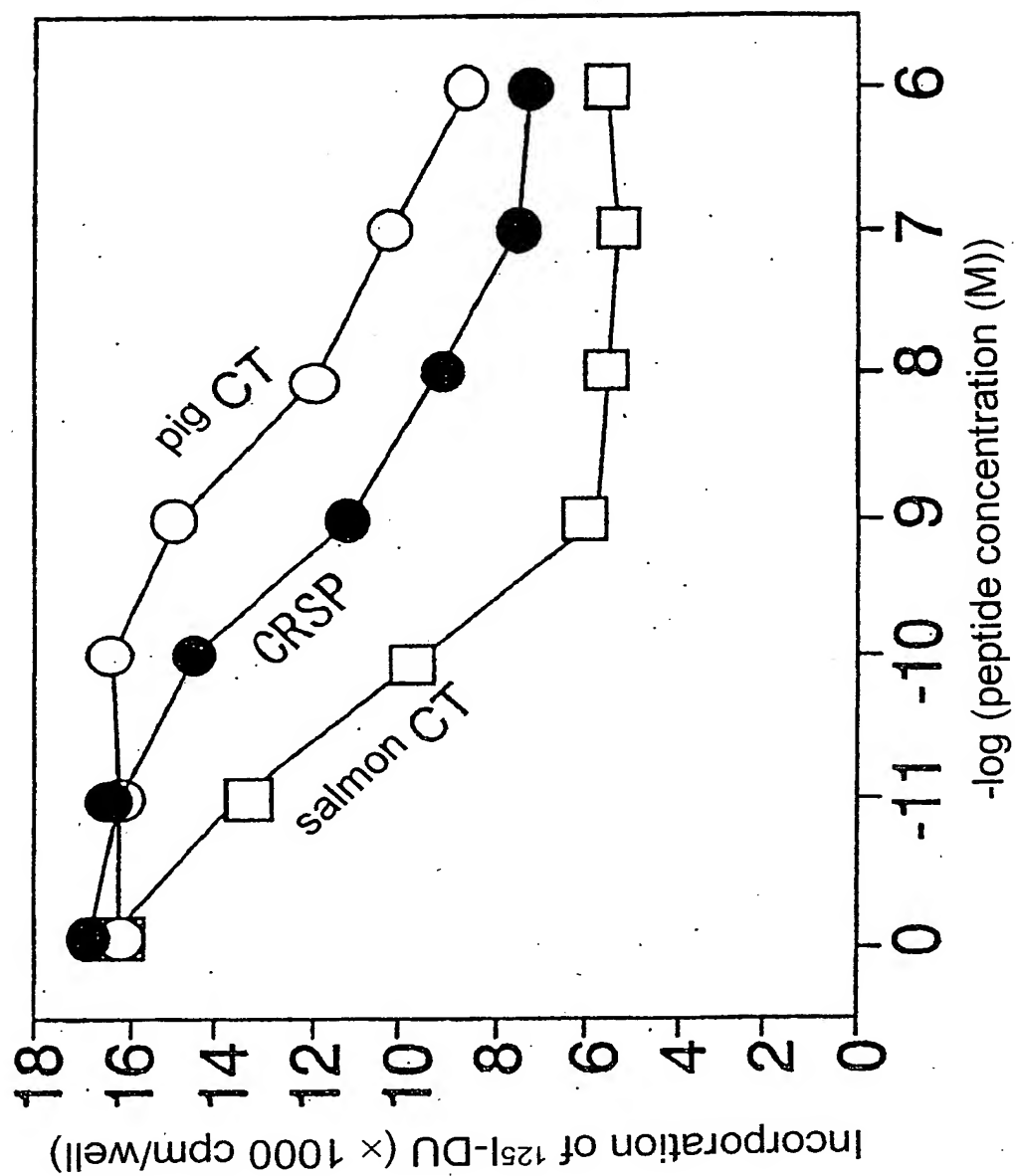


Fig. 9

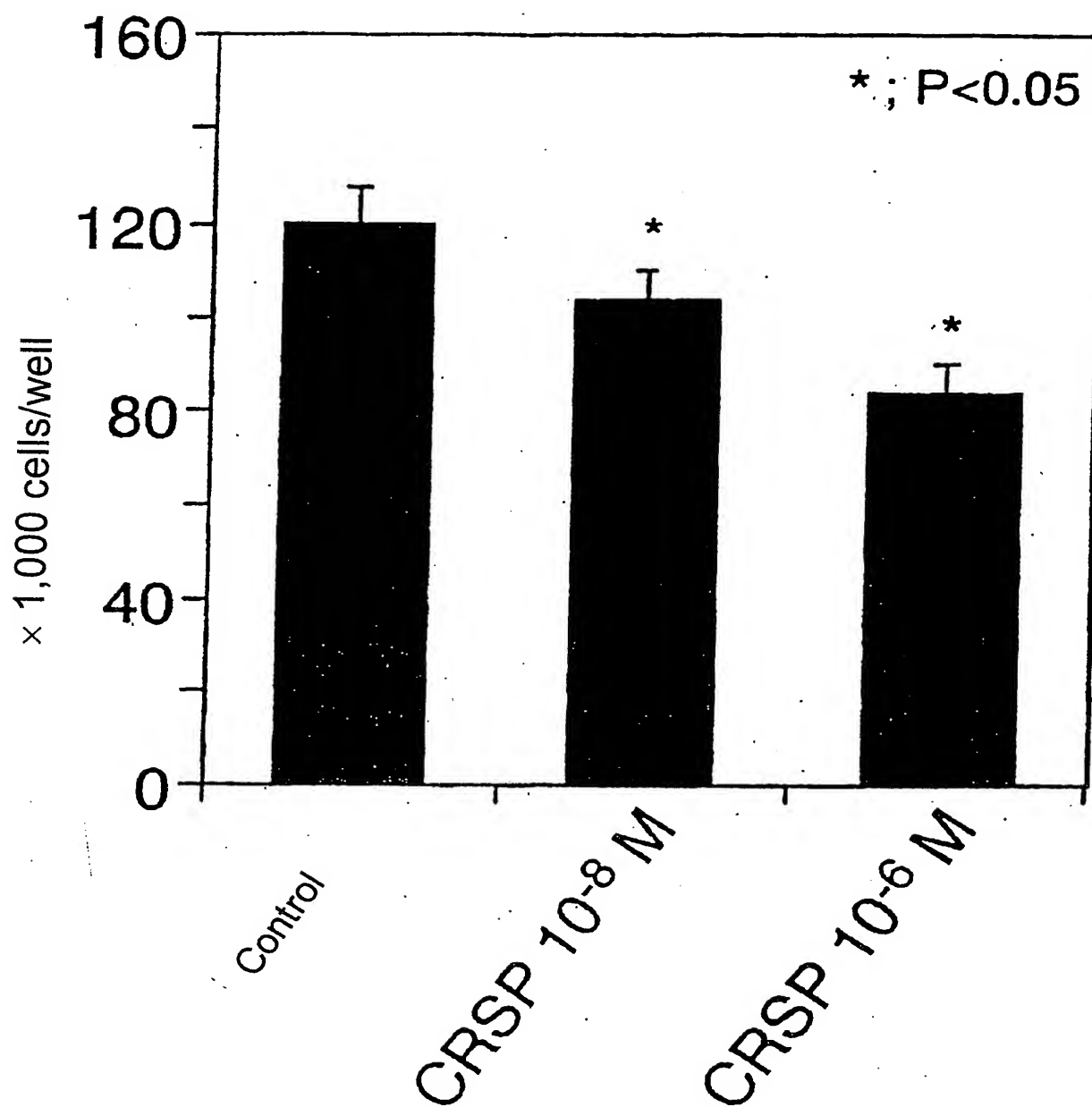


Fig. 10

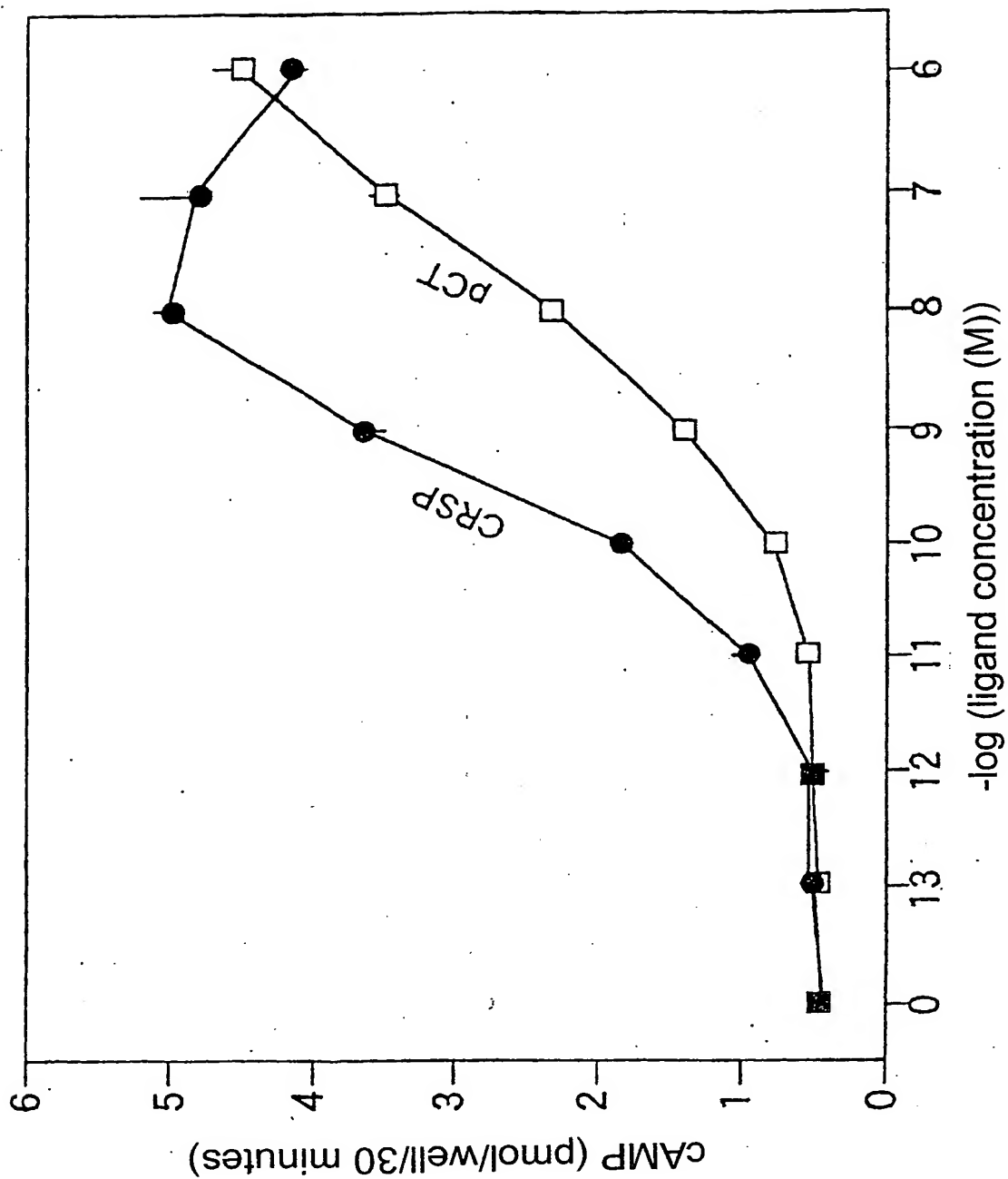


Fig. 11

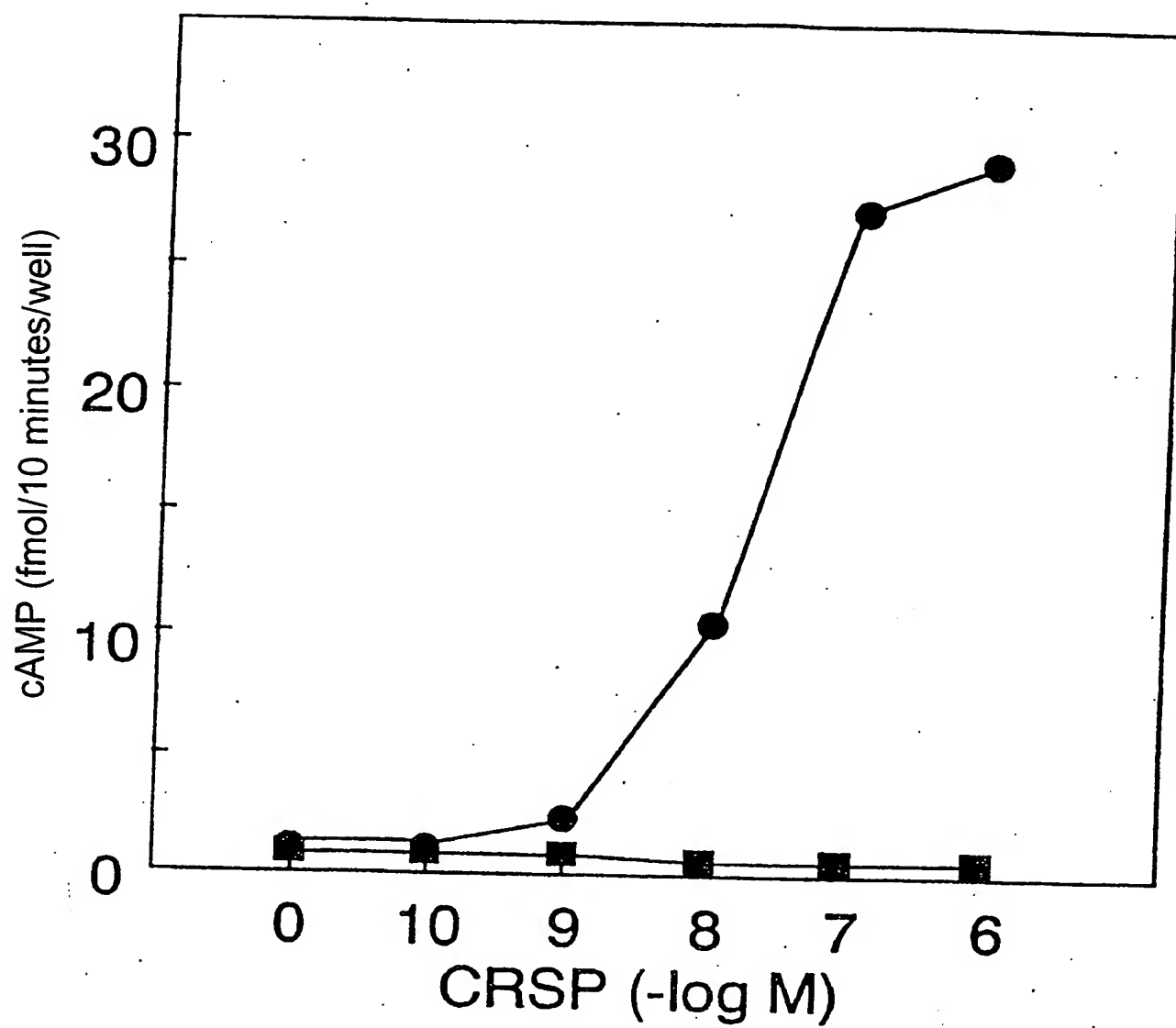


Fig. 12

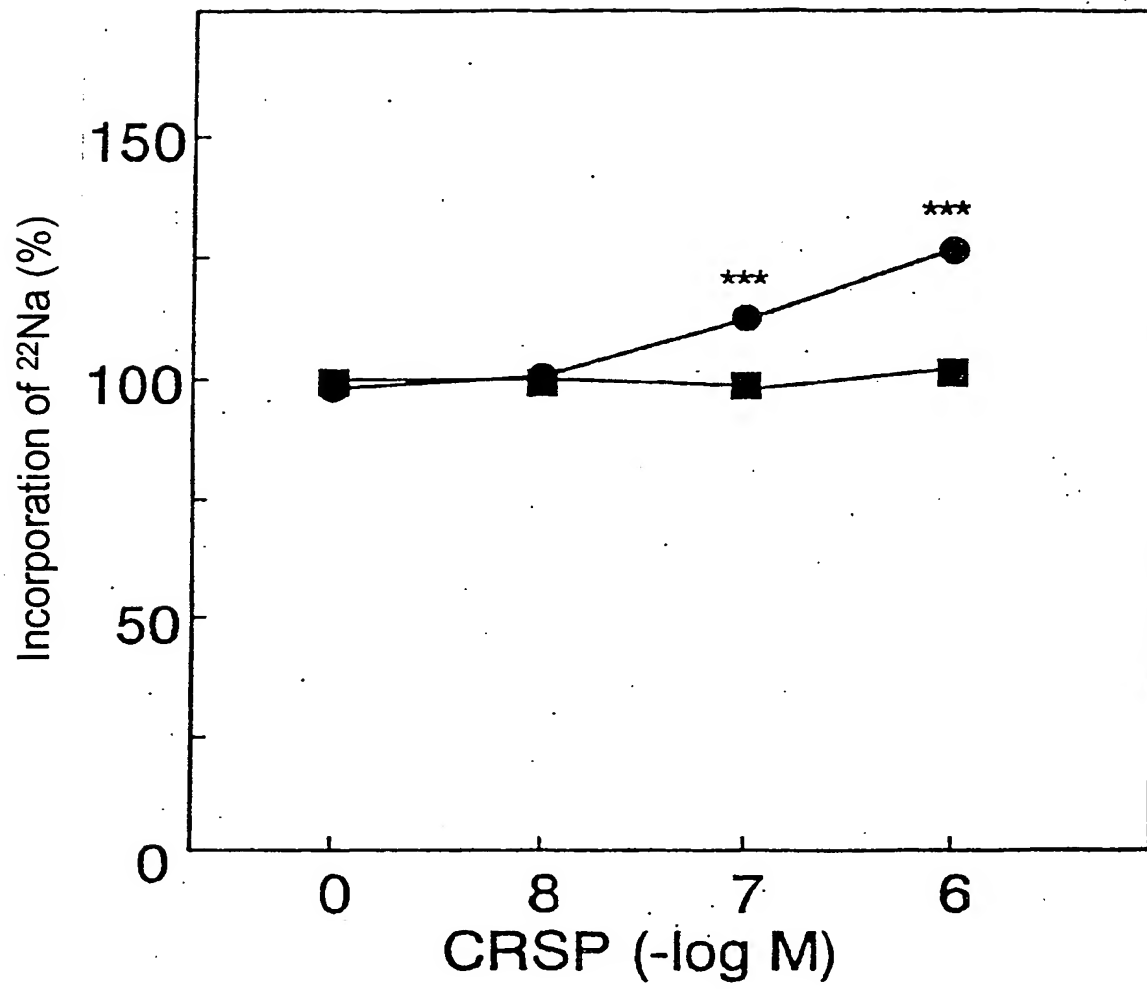


Fig. 13

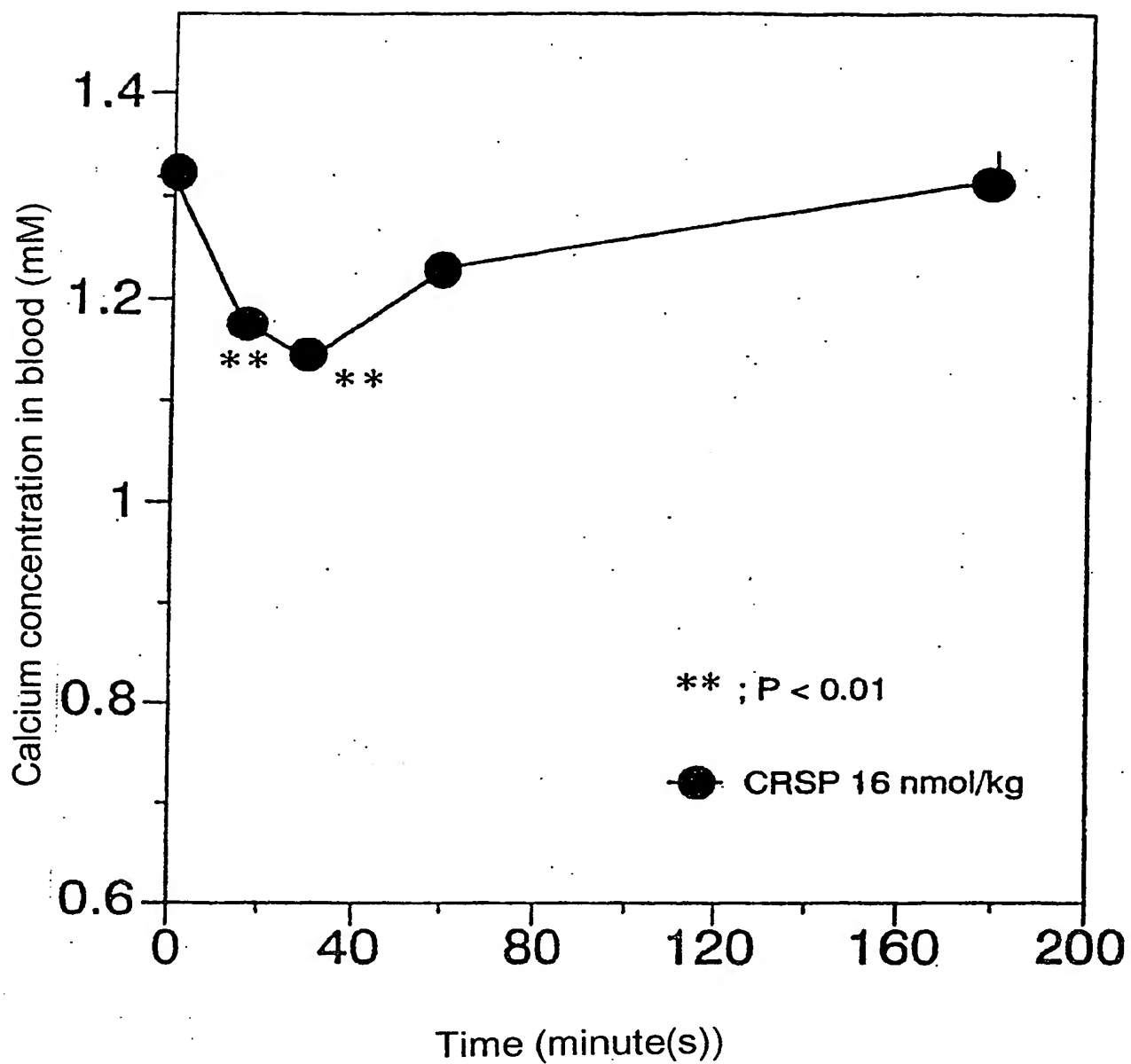


Fig. 14

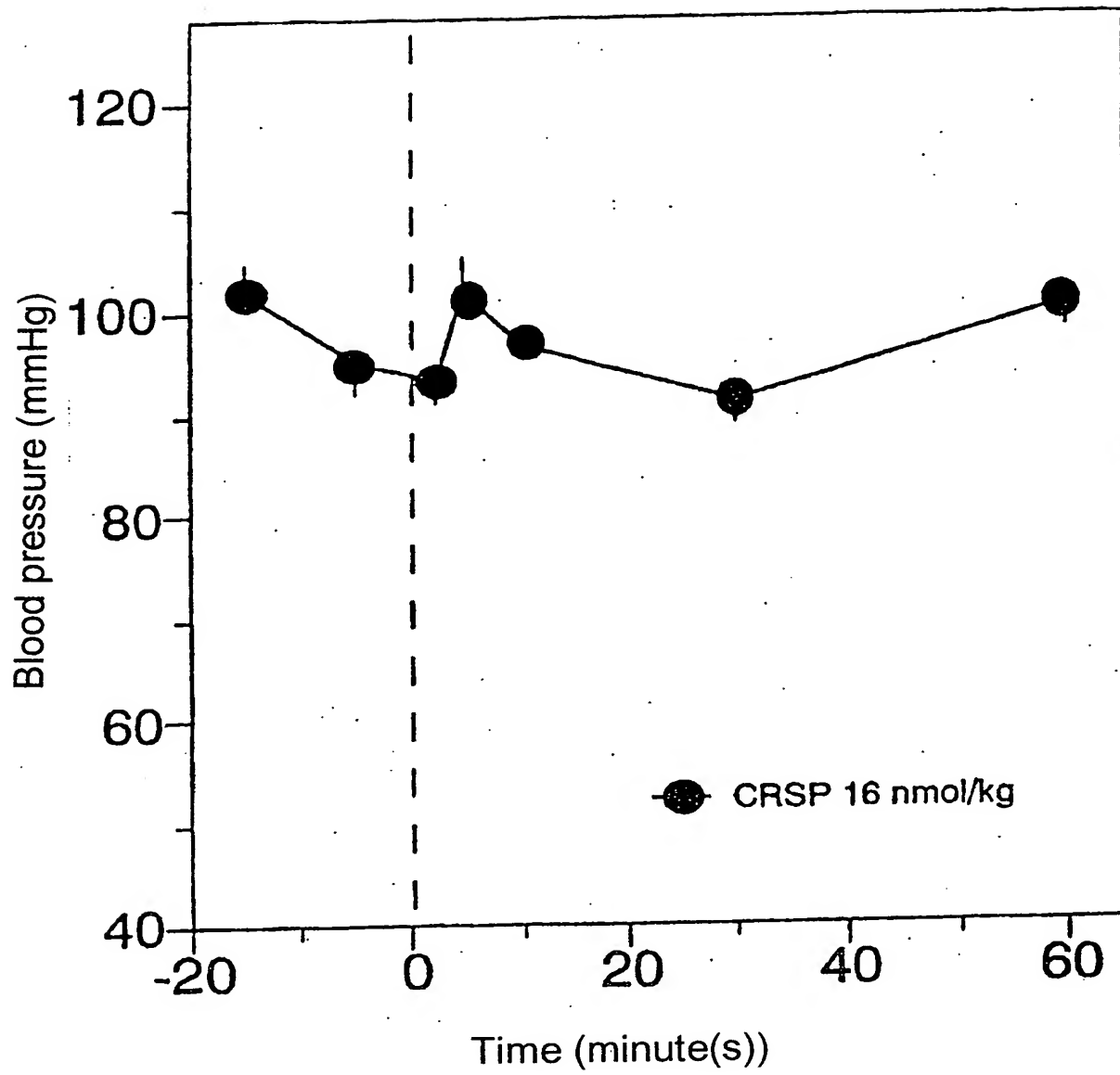


Fig. 15

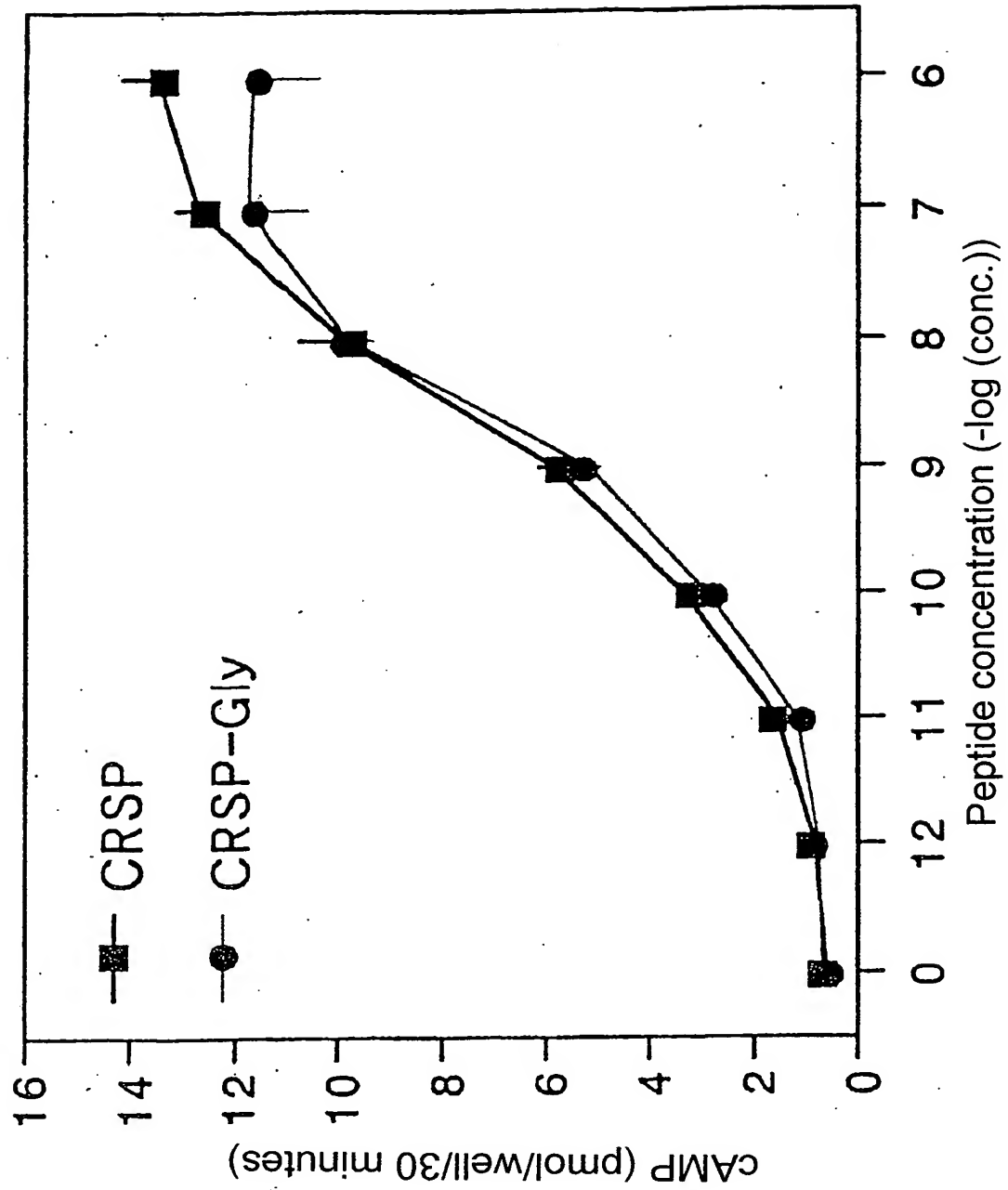
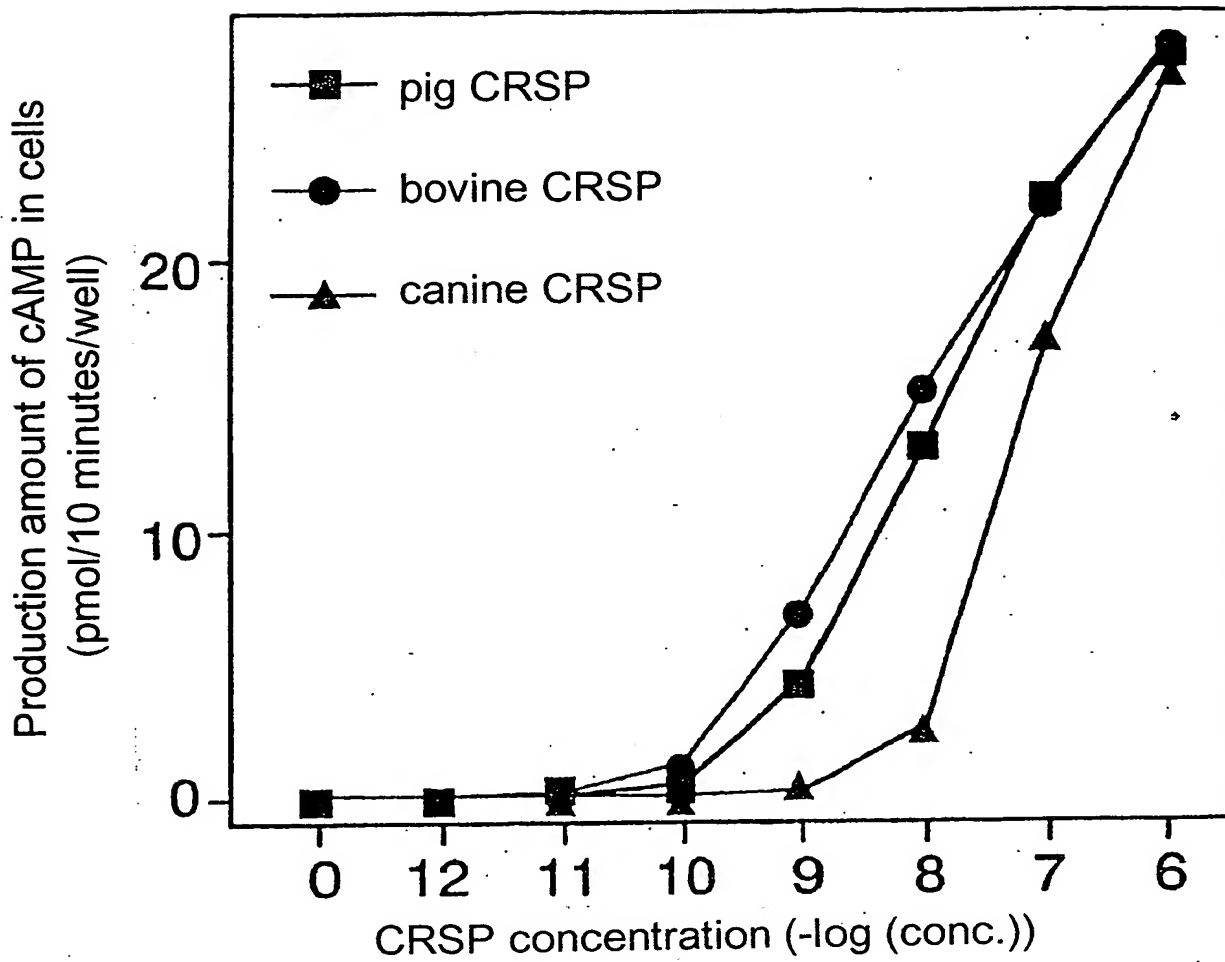


Fig. 16



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CTCGAGGATCCTGCCTCTTGTTTCCCACAAATCCTGCCTTCCTGTGCTTGATTCCAGCTG 60
 CCTGAATCAGACCCCTGCTTGGGCACAGAATCATCAACCTGCTGCGCATTAACTCCCA 120
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 CTCTACAAAGATCACATAGCTGGGGATGGAGAGGGATGTGAGCCTGCGAAACCGAACAGG 240
 TAAAGTTTACCATGACGTCAAACCTGTCTTAAATTCCTGCTCACTTTGCGTGTGTTTTTC 300
 GTTGGTGCCCAACCTCCCCACCCCTCCACCCCGCCATCAATGACCTCAATGCAA 360
 ATACAAGTGGGGTGGTCTGTGGATGCTCCAGGTTCTGGACGCAAGTAGTGACACAATC 420
 CTGGGGCTCAGGATCTTTCCTCTCATTGGTTGCCTGGAGCTCTGGGACCACCCAGATTTC 480
 AGAGCGGCGGGAATAAGAGCAGCTGCTGCTGCGGGGAAGGGTTAGAGGCCTACCCACCT 540
 CAAGTGTCTCTGCCGCTTCTTCCACAGTGCCATCGCCTGACGCCAACGCTGCTGCCTCTG 600
 CTCCCTCCTCTGCTCCAGTCCACCTGGTTCCTGCTGCCCCGTAAGCCCGGAGATTCTCTGC 660
 TAAGCTGTGGTTCTGTTTCTCTCTCCCTCTCCTCCCTTCCCTCTCTCTCCATTGGATTTT 720
 CTTAGCTGATCTCTTTTCCCGTCTCAAAGTTCCTGTCCACTTCTCTCTGGGTCTCTTCAT 780
 CTTGTAATATGCCTTACTGCGCAATTCATTCTAGGCTCCTTTCACAGGTAAGTCTGGATG 840
 GTCTCAGTTCGGGGATTCCCTGCTCTACTCTTCCCTGAGCTGAGCTGGGCTCCAGTCTTGT 900
 CCCCCGAGCAGACGTGCTTAGGTCCGTGTTGGGATTTTGGAGCTCTCCAGGCCTTCAGG 960
 GAGAGGAGGATGCAGGAATAGCTTTGAGCAGAAGAACTTTCATGGATCCCATCTCCTCT 1020
 TACCTACAAGGATCGCTGGAAATGGGGTCGGGACCTGGGACAGTGCAAATGGGTGGCAA 1080
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 GAACTCCCCCTCCCGCACCGCCACCCCATTTAATCTTGGGTCCCAATTTAAGGCTGTACC 1200
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 CCACTTGGCTGAGGAGGAAATGATGGTGAAAGGACACGAGCAGCCTGAAGCCAGG 1620
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 TGGAAGTGTACAGGTGGTGACATTGTTCTTCCCTTGACAGAGGGGCACCATGGGCTTCTG 1740
 MetGlyPheTr
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 sThrAlaProMetAr
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 GCGCTCCTATAAGTTTATCATAAGCTTTATGTGTACACAAAGTTTGTAATAGACATAAG 1980
 ATATACAGTACTCATGATTGTAAATTTTATATAACTTATCAAACCTCACAGCATGCTTTT 2040
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 AGAAATGGATTGTATCCAATTTGCCAAATACTTTGCTAGTAAATTTGTTATTAATCTGA 2160
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 TTCCCATTCAAACTATCAGAAACCAGGCAACCTGGCTGTTTATCCTGGGGAGGGGCAGGC 2280
 AGGAGATCAGAACCTGTTTTTAGGCTTGCTTCCCTCCTTAGGTCTGCCTTTGGGAGCCC 2340
 gSerAlaPheGlySerPr

Fig. 17

(continued)

TTTTGATCCTGCTACCCTCTCTGAGGAGGAATCACGCCTCCTTTTGGCTGCAATGGTGAA 2400
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 TGA CTATGAGCAGATGAAGGCCCGTGAGATGCAGAAGCAGAGGGCACAGGGCTCCGGGTA 2460
 nAspTyrGluGlnMetLysAlaArgGluMetGlnLysGlnArgAlaGlnGlySerGl
 AGGTTCCCTGCCCAAGGACAACAGGGCATCCCTTTCTTCCTCTGGTCAGGCCCCAGGAAGG 2520
 CATATTTTAAAGTCACTTTTGAGTTTTCTGACCCCCCTGGACATGTCTGTGGGATGATTA 2580
 TGGCATTTCCTGACGGCCTAGGATTTTCTGCTGTGATGACCTTTTCTAGCAGAAATAC 2640
 TCAAGGTTCACTGGTCCTCTCAAGGCAGTAGTCTTCCATGACGATTCTGTCTGACAGCAC 2700
 CTGCACTCAACCTCTCACTGACGGGCCTTTTCTTTCTTTATCCCAAAATCAGCATCAGT 2760
 yIleSer
 GTCCAGAAGAGATCCTGCAACACTGCCACCTGCATGACCCATCGGCTGGTGGGCTTGCTC 2820
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 AGCAGATCTGGGAGCATGGTGAGGAGCAACCTGTTGCCCAAGATGGGCTTCAAAGTC 2880
 SerArgSerGlySerMetValArgSerAsnLeuLeuProThrLysMetGlyPheLysVal
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 PheGlyGlyArgArgArgAsnPheTrpIle***
 GACTGCCCTTTTTGTACCTTCGGGTGGGAGGACAGAGGACTGGGTATTGCAGGGGTGCAT 3000
 TCCACACCCTAACCCTCTGTGAGCGCATGGGGGTAAAACCTCCACATGGCAAGGTGCCCA 3060
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 TTAGTATAACATATGACAAGAGCCTGTAACTAAGAATTAATAACATTCTGTACTTTTT 3480
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 AGGGTCACATGAATTC 3796

Fig. 18

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 CCAGACATTTAAAGAAAACGAATACCAATCCTTGTCAAACCTTTCCAAAAACCTGAAGAG 240
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 GAGAAAGATTCTGCAAGGAGAAAACCCCTACAGACAAAATCCTTTATGACATGGATGTGG 360
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GCTAGGGGTCTAATAGGCGCCATAGCCACCGGCCTACGCCAGAGCTACTGCAACGCTGGA 1980
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Fig. 19

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 *
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 AAATCTGGACCCTGTCAGCCAACCTGTGGTGGTGGCAGCTCTGCTAAACCTC 7673

Fig. 20

CTCAAGTGTCTCTGCCGCTTCTTCCACAGTGCCATCGCCTGACGCCAACGCTGCTGCCTC	-52
TGCTCCCTCCTCTGCTCCAGTCCACCTGGTTCCTGCTGCCCCGAGGGGCACCATGGGCTTC	9
	M G F 3
TGGAAATTTCCGCCCTTCCTGGTTCTCAGCATCCTGGTCCTGTACCAGGCAGGCATGTTT	69
W K F P P F L V L S I L V L Y Q A G M F	23
CACACAGCACCCGTGAGATTGCCTTTGGAGAGCAGCTTTGATTCTGCCACTCTCACAGAG	129
H T A P V R L P L E S S F D S A T L T E	43
GAGGAAGTGTCCCTTCTACTGGTTGCAATGGTGAAGGATTATGTGCAGATGAAGGCCACT	189
E E V S L L L V A M V K D Y V Q M K A T	63
GTGCTGGAGCAGGAGTCAGAGGACTTCAGCATCACTGCCCAGGAGAAATCCTGCAACACT	249
V L E Q E S E D F S I T A Q E K <u>S C N T</u>	83
GCTAGCTGTGTGACCCACAAGATGACAGGCTGGCTGAGCAGATCTGGGAGCGTGGCTAAG	309
<u>A S C V T H K M T G W L S R S G S V A K</u>	103
AACAAC TTCATGCCACCAATGTGGACTCCAAAATCTTGGGCTGACGCCGCAGAGAGCCT	369
<u>N N F M P T N V D S K I L</u> G	117
CAGGCCTGAGCTGTGAAATGACTCCACAAAGAAGGTCACCAAGGAACTGAACTCTATTTT	429
TTTAAATCTGCAATGAAAGCAATTTATTTGAAAAATAGCATGGAAAACACACATATATGC	489
ATGCTTCTTGCTTGAAATACAGCTTTTAGCTTGAAATAAACTAAACTAAATGCAGAATA	549
AAATCATTCAGCTACCTGAAAAAAAAA	579

Fig. 21


GCCCAGCTTACGTCTCCTTTCTCCGCCAGTGCCATCACCTGCCACCAGCGCGGTTGTTGC	-52
TTCTCCCACCTTGGGCTCCAAGCTACCTGGTTCTGCATCCAGAGGGGCACCATGGGCTTC	9
	M G F 3
TGGAAGTTCCCCCCTTCCTGATCCTCAGCATCCTGGTCCTGTACCAAGCAGGAATGCTC	69
W K F P P F L I L S I L V L Y Q A G M L	23
CATGCCGCGCCATTCAGGATGGCTTTGGGAAGCAGCTTTGATTCTGCCACACTCACGGAA	129
H A A P F R M A L G S S F D S A T L T E	43
GAGGAAATGTCCCTCCTACTGGTTGCAATGGTGAAGGATTATGTGCAGATGAAGGCCACT	189
E E M S L L L V A M V K D Y V Q M K A T	63
GTGCTGGAGCAGGAGACAGAGGACTTCAGCATCACCAACCAGGAGAGATCCTGCAACACT	249
V L E Q E T E D F S I T T Q E R <u>S C N T</u>	83
GCCATCTGTGTGACCCACAAGATGGCAGGCTGGCTGAGCAGATCTGGGAGCGTGGTTAAG	309
<u>A I C V T H K M A G W L S R S G S V V K</u>	103
AACAACTTCATGCCCATCAACATGGGCTCCAAAGTCTTGGGCCGCGCCGCAGACAGCCT	369
<u>N N F M P I N M G S K V L</u>  R R R R Q P	123
CAGGCCTGAGCTGTGAAATGACTCTAAAAAGAAGTTGAACTCAAGTTGCTTTCACTGCAA	429
Q A *	125
AGTTGCTTTCCCTGCAAATTAAGAAGCAATTTGAAAAATAGCATGGAAGACACACATA	489
TATGCATGCTTCTTGCTTGAAATACAACCTTTTGCTTGAAACAACTAAACCTAAATGCA	549
GAATAAAATCATTGCAGTTACCTGA	574

Fig. 22

GCCCAGCTTACGTCTCCTTTCTCCGCCAGTGCCATCACCTGCCACCAGCGCGGTTGTTGC -52
 TTCTCCCACCTTGGGCTCCAAGCTACCTGGTTCCTGCATCCAGAGGGGCACCATGGGCTTC 9
M G F 3

TGAAGTTCCCCCCTTCCTGATCCTCAGCATCCTGGTCCTGTACCAAGCAGGAATGCTC 69
 W K F P P F L I L S I L V L Y Q A G M L 23

CATGCCGCGCCATTCAGGATGGCTTTGGGAAGCAGCTTTGATTCTGCCACACTCACGGAA 129
 H A A P F R M A L G S S F D S A T L T E 43

GAGGAAATGTCCCTCCTACTGGTTGCAATGGTGAAGGATTATGTGCAGATGAAGGCCACT 189
 E E M S L L L V A M V K D Y V Q M K A T 63

GTGCTGGAGCAGGAGACAGAGGACTTCAGCCTGGACAGCTCCAGAGCTAAGCAGTGCAAT 249
 V L E Q E T E D F S L D S S R A K Q C N 83

AATCTGAGTACCTGTGTGCTGGGAACATATACATGGGACGTCAACAAGTTTTATGCATTC 309
N L S T C V L G T Y T W D V N K F Y A F 103

CCCTTAACTACAACCTGGGATTAGAGTATCTGGCAAGAAATGGGTCAGGGCCAGAGTCTCA 369
P L T T T G I R V S Q K K W V R A R V S 123

GAGAAAGTCCATTATCCCTCAAGGCAGCATACCCTAAGGTGCTTAAGAAGGCCCCACCC 429
 E K V H Y P S R Q H T L R C L R R P P P 143

CTCCTCCTTTCTAGTTCTCTCCTAGAATTTGCATGTGTTCTTCTCTGGTTGCTCTCTGA 489
 L L L S S S S P R I C M C S S L V A L 162

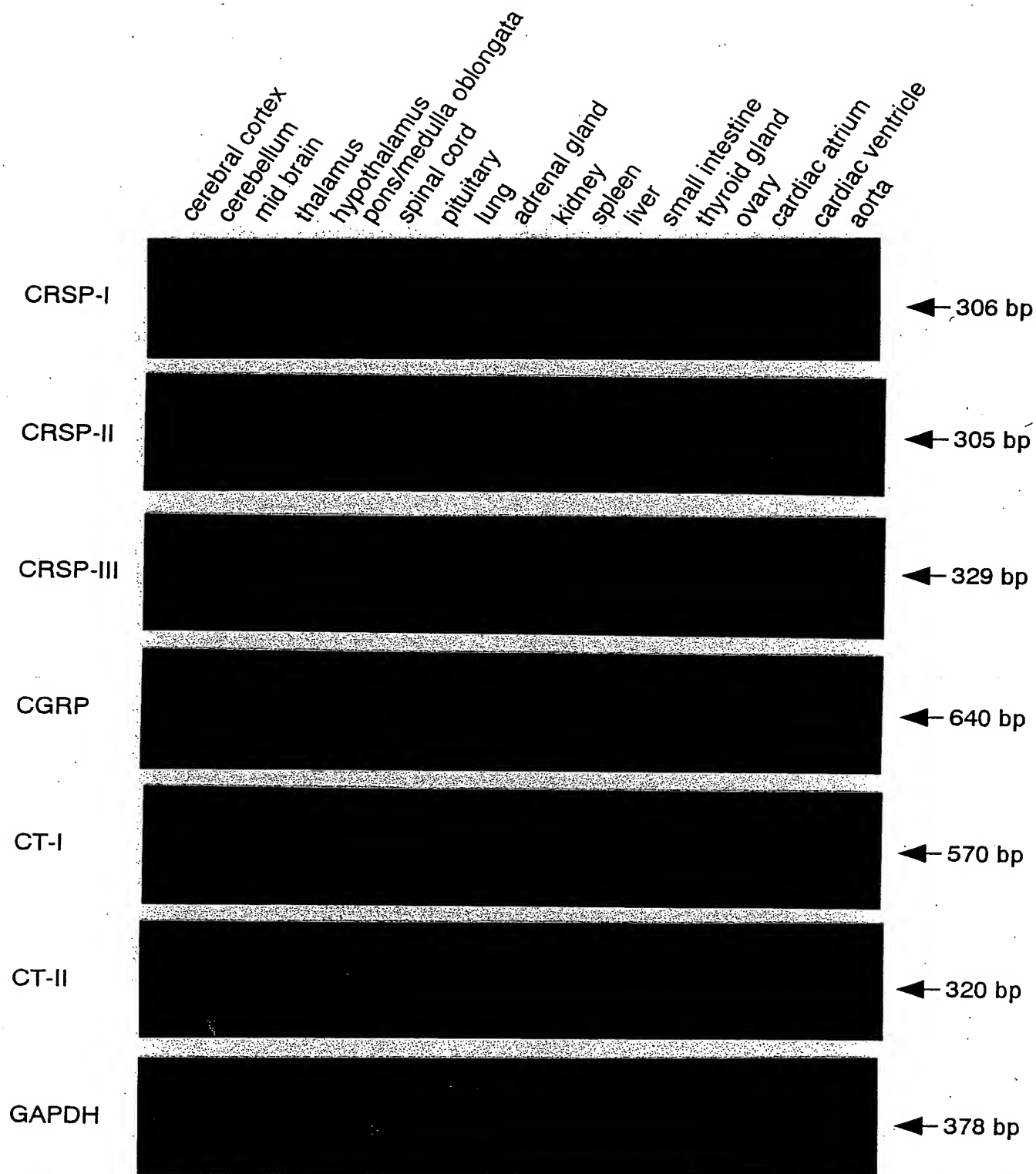
GCTGCTATCAGCAGCTTTCCTTGTGGCCATGGATGTCTGGAATATCAGAGAGGAGGTGGG 549
 GGGTGGGGGCAGGCAGGCCAGAAGAAAATCACTCAGGAATAGATTAGGAGAGAATGGGCA 609
 GCCCTGTGAGTGCCTGTGGATTTACAGCAGAGCTTCTCAGTCCTGCTTCTGAACATGCT 669
 TTTCAGTAGGGAATAAAAAGTAT 691

Fig. 23

SCNTASCVTHKMTGWL SRSGSVAKNNFMP - TNVDSKIL-NH₂ pCRSP-2
 SCNTAICVTHKMAAGWL SRSGSVVKNNFMP - INMGSKVL-NH₂ pCRSP-3
 SCNTATCMTHRLVGLL SRSGSMVRSNLLP - TKMGFKVFG-NH₂ pCRSP
 SCNTATCVTHRLAGLL SRSGGMVKSNFVP - TDVGSEAF-NH₂ pCGRP
 YRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDGVAPRSKISPQGY-NH₂ pAM

CSNLSTCVLSAYWRNLNNEHREFSGMGFGPETP-NH₂ pCT
 pECNNLSTCVLGTYTWDVNKEFYAFPLTTTGIRVS-NH₂ pCT-2

Fig. 24



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